

1 **ABSTRACT**

2 A set of interfaces, data structures and events represent a DV metadata
3 extraction tool. The DV metadata extraction tool includes an API (application
4 programming interface) for describing DV metadata packs that are to be extracted
5 from a DV data stream. The extraction API supports methods for specifying and
6 removing DV metadata packs to be extracted from DV frames. The DV metadata
7 extraction tool also includes an API for describing a container that holds DV
8 metadata once it has been extracted from a DV frame. The container API supports
9 methods for adding and removing DV structures to the container and for retrieving
10 data from the container, removing data from the container, and iterating through
11 the container. The DV metadata extraction tool also includes a collection of
12 higher-level structures that represent unpacked DV metadata packs.